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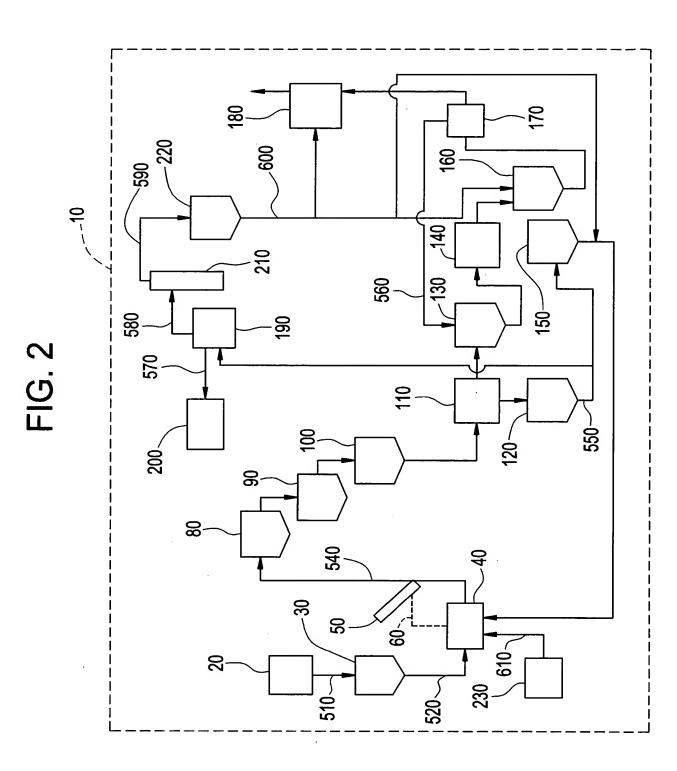
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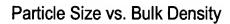


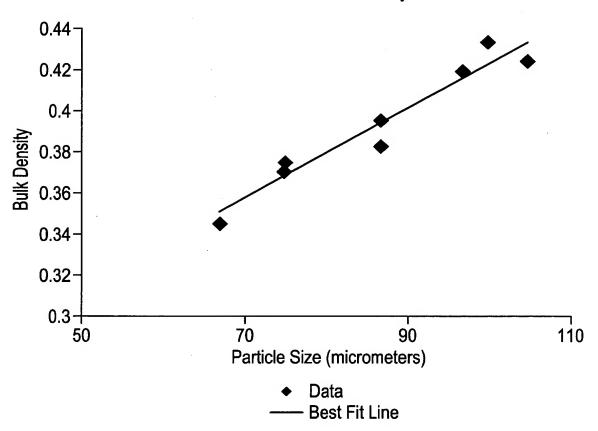




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FIG. 3







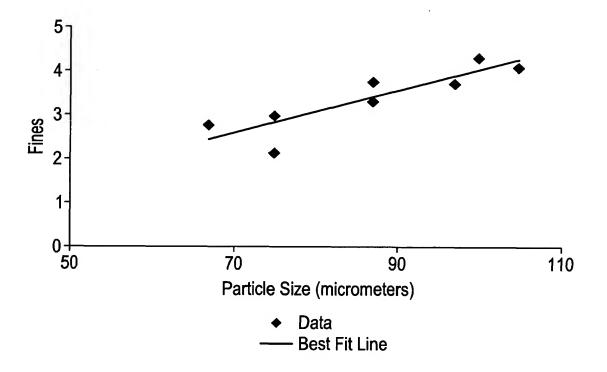
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FIG. 4

## Particle Size vs. Fines Content





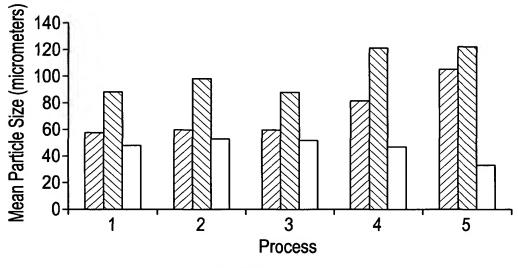
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FIG. 5

Particle Sizes after Mixing Pump, after Third Precipitation Tank, and after Second Reslurry Tank as a Function of Process Conditions



- ☑ After Mixing Pump
- ☐ After 3<sup>rd</sup> Precipitation Tank
- ☐ After 2<sup>nd</sup> Reslurry Tank



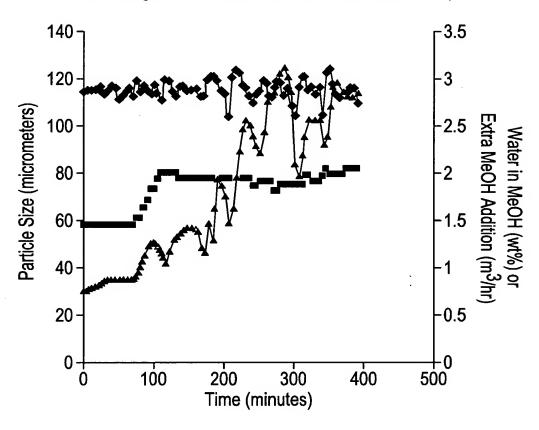
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FIG. 6

Particle Size as a Function of Time as Methanol Content of Antisolvent was Adjusted in Response to the Changes in the Water Content of Methanol Pump



- → Particle Size
- Water in MeOH (wt%)
- Extra MeOH Addition (m<sup>3</sup>/hr)

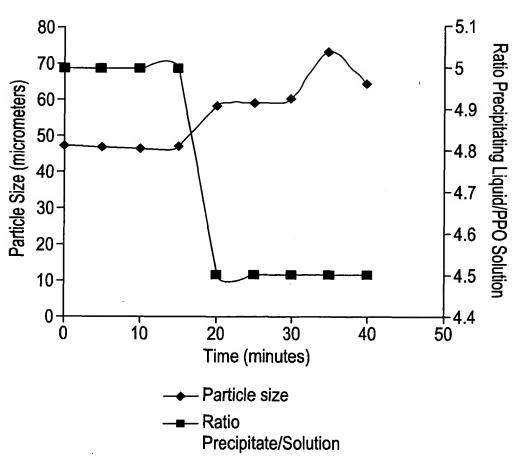


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FIG. 7

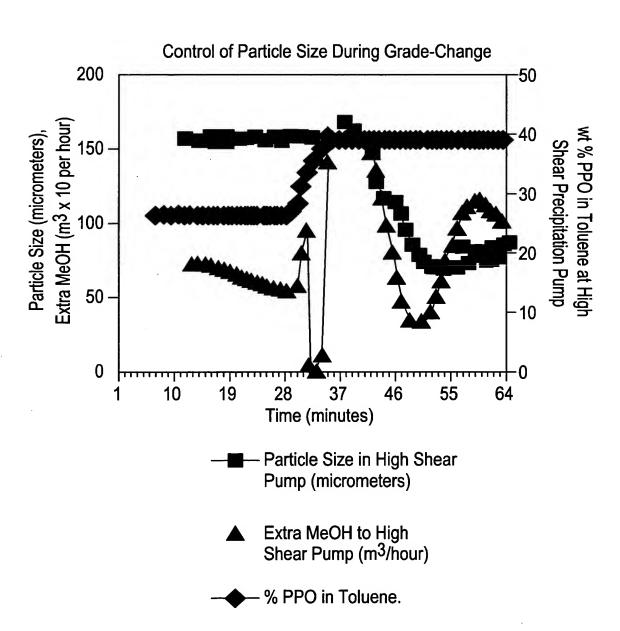
## Polyphenylene Ether Particle Size Control During Start-up





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FIG. 8

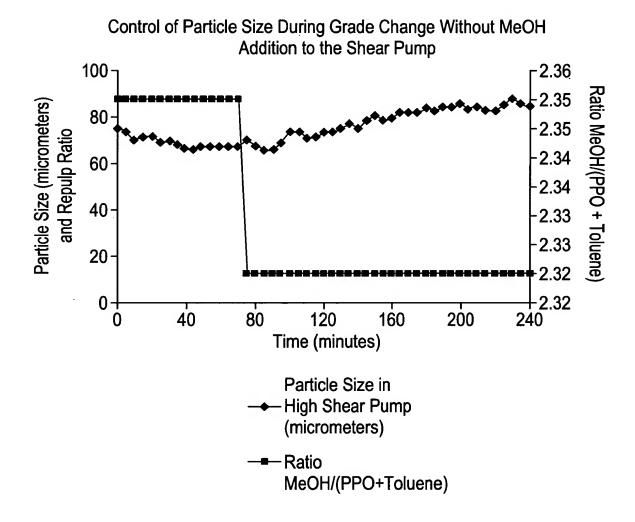




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FIG. 9





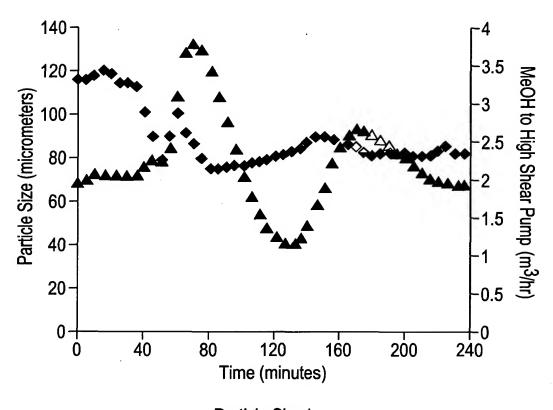
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## FIG. 10

## Control of Particle Size During Grade Change with MeOH Addition to the High Shear Pump



- Particle Size in High Shear Pump (micrometers)
- ▲ MeOH to High Shear Pump (m<sup>3</sup>/hr)



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FIG. 11

